

CLAIMS:

1. A method for determining a dose of arsenic trioxide for the treatment of acute promyelocytic leukemia, comprising determining the weight of a patient diagnosed with acute promyelocytic leukemia and determining a therapeutically effective dosage amount of said arsenic trioxide based upon said weight.

2. The method of Claim 1, wherein said therapeutically effective dosage amount of said arsenic trioxide is about 0.15 mg arsenic trioxide per kg of said patient.

3. The method of Claim 1, wherein said therapeutically effective dosage amount of said arsenic trioxide is 0.15 mg arsenic trioxide per kg of said patient.